

Notice of Allowability

Application No.

10/030,295

Examiner

Jack M Choules

Applicant(s)

OLSSON, BERTIL

Art Unit

2177

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to interview on 13 July 2004.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☒ The drawings filed on 26 December 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 12/26/01
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

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Jack M Choules
Primary Examiner
Art Unit: 2177

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Castellano on 13 July 2004.

The application has been amended as follows:

Claims 5, 6, and 9 have been amended as follows:

In each of the claims 5, 6, and 9 in line one of the claim "the preceding" is deleted and --1 through 4—is added following claims a shown in the amended claims 5, 6, and 9 as follows.

Claim 5; (once amended) A method as claimed in any one of ~~the preceding~~ claims 1 through 4, wherein the object is linked to a model drawn into a graphically represented coordinate system.

Claim 6; (once amended) A method as claimed in any one of ~~the preceding~~ claims 1 through 4, wherein the object represents a physical object.

Claim 9; (once amended) A method as claimed in any one of ~~the preceding~~ claims 1 through 4, wherein the identity (11) explicitly comprises the coordinates of the coordinate point, e.g. in the form k_1, k_2, k_3, k_4 where k_i is the coordinate in dimension i .

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2. The following is an examiner's statement of reasons for allowance:

The art of record particularly Rajchel et al. US Patent No 6671738 B1 shows using a coordinate point as an objects identification claimed in claim one as "A method for assigning an identity to an object (10) in a database (1), which object includes a plurality of coordinate points in a coordinate system representing a multidimensional reality, characterized by identifying a first subset of the object's coordinate points" however the prior art of record does not detail or suggest the particular method of using one or more extreme values to select the coordinate to be used as an identifier in the language of claim 1 "identifying a first subset of the object's coordinate points that have an extreme value in one of the dimensions of the coordinate system (step 41); if said subset includes more than one coordinate point (step 42), further identifying from said subset a second subset of object points that have an extreme value in a second of the dimensions of the Coordinate system (step 41); repeating the preceding steps until a subset consisting of a single coordinate point (P_o) has been identified; and assigning the object an identity (11) based on the coordinates (x_o, y_o, z_o, t_o) of said coordinate point (P_o) so that a one-to-one mapping exists between the identity (11) and the coordinate point (P_o)." The remaining claims 2-9 are dependent on this claim and thus distinct from the art of record for at least the same reason as given above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

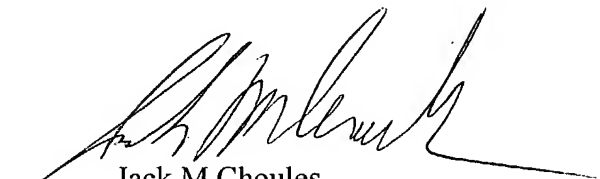
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jack M Choules whose telephone number is (703) 305-9840. The examiner can normally be reached on M-F (7:30-4:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E. Breene can be reached on (703) 305-9790. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jack M Choules
Primary Examiner
Art Unit 2177

21 July 2004

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